Sub B1

1. A device for reducing the discomfort in the mouth of a human patient, said discomfort being created by the adjustment of an orthodontic appliance fitted to the patient's teeth comprising:

a housing, said housing containing a motor driven vibrating unit and a self contained power supply for operating said motor;

activating means for interconnecting said motor driven vibrating unit to said self contained power supply for operation thereof; and

an elongated solid flat resilient interdental mouthpiece having substantially the shape of a dental arch and a thickness in the range of two to five millimeters removably connected to said housing, the distal end of said interdental mouthpiece designed for practical insertion into the mouth for gripping between the patient's teeth, when said vibrating unit is activated by said activating means said interdental mouthpiece vibrates said patent's teeth increasing blood flow and eliminating the ischemia response thereby reducing said discomfort.

Sub A1

2. The invention as defined in claim 1 wherein said interdental mouthpiece is positioned normal to said housing when connected thereto.

3. The invention as defined in claim 1 wherein said interdental mouthpiece is positioned on a plane parallel with said housing when connected thereto.

4. The invention as defined in claim 1 wherein said interdental mouthpiece is removably attached to said housing on the external surface adjacent to a distal end thereof.

5. The invention as defined in claim 4 wherein the housing attachment end of said interdental mouthpiece has an aperture therethrough for receiving a distal end of said housing therein and frictionally maintaining the attachment of said interdental mouthpiece to said housing.

6. The invention as defined in claim 1 wherein said interdental mouthpiece is removably received within a slot in said housing.

7. The invention as defined in claim 2 additionally comprising a lock means for removably attaching said interdental mouthpiece to said housing within said slot in said housing.

8. The invention as defined in claim 1 wherein said interdental mouthpiece has a width in the range of 10 to 15 millimeters at is longest dimension.

9. The invention as defined in claim 1 wherein said interdental mouthpiece is constructed from a soft plastic material flexible enough to adapt to the teeth of the patient and transfer sufficient vibrations from the motor driven vibrating unit to the teeth of that patient.